



New! High-Throughput CD Measurement System

By Kristen Burkhardt / April 24, 2012

JASCO featured the new High-Throughput Circular Dichroism (CD) Measurement System during Pittcon 2012, Orlando, Florida. The JASCO high-throughput CD measurement (HDX-CD) system automates CD and UV/Visible Absorbance measurements for large numbers of samples. A third detection option also allows simultaneous Fluorescence measurement of the samples. An innovative flow system coupled with the ASU-800 autosampler offers precise micro sampling and eliminates complications typically associated with automated CD measurements.

With user-defined sampling sequences and data-handling, JASCO's software automatically conducts the entire CD measurement and stores the desired data. The stored data includes three-dimensional interval data which can be used for comprehensive spectral analysis as well as collective analysis of protein secondary structures. Additionally, optional use of a dedicated Peltier accessory enables temperature and wavelength scanning capabilities which makes for fully automated melting experiments for DNA/protein analysis.

Top Features

- Automated measurements
- Dedicated software
- Easily generated measurement sequences
- Temperature control measurement with ramping
- Sample cooling in auto-sampler
- Automated data handling
- Batch processing of Secondary Structure and T_m Analysis

For more information, visit the [High-Throughput CD Measurement System](#) page.

About the Author

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